

MacNeil suggests that the bentonitic clay at the top of the section probably corresponds to high-grade bentonite in the Glendon limestone member in Smith County, Mississippi.

Lafayette County—A thin bed of cream-colored limestone, apparently the Byram, lies between the Ocala and the Suwannee limestones in the northern part of Lafayette County. Exposures have been noted at the old bridge near Luraville, where the rock, which contains species of *Lepidocyclina*, *Turritella*, and other fossils, emerges 2 feet above water level at a stage of 5 feet.

Madison County—Suwannee River, which forms the southeastern boundary of Madison County below Ellaville, flows in a gorge cut through the Suwannee limestone into the Byram limestone.

Suwannee County—The best-known exposure of the Byram limestone is that along Suwannee River below the mouth of the Withlacoochee, where a thin bed of limestone intervenes between the Suwannee limestone and the Ocala limestone. This bed passes below water level a short distance above the bridge of the Seaboard Railway and is frequently under water at the mouth of the Withlacoochee. Its extension downstream is probably not as continuous as it has been mapped, and its limits are conjectural. Because of the erosional unconformity at its top, which separates it from the Suwannee limestone, and the erosional unconformity that must separate it from the underlying Ocala limestone if it is really Byram, the bed probably varies considerably in thickness. The following section was measured in 1913 at the Seaboard Railway bridge, which is easily reached from U. S. Highway 90.

SECTION ON EAST BANK OF SUWANNEE RIVER OPPOSITE ELLAVILLE

FEET

Wicomico(?) formation (Pleistocene):

5. Upper part concealed; lower part is argillaceous yellow sand containing small pebbles; the top is level with rail at bridge 16½

Unconformity.

Suwannee limestone (Oligocene):

4. Hard cream-colored to yellow limestone resembling bed 3 but very massive and without bedding planes; *Cassidulus gouldii* (Bouvé) very abundant - - - - - 10½